



The CPNC research group (Cognitive Processes and Neurobiological Correlates), is dedicated to conducting cognitive and affective studies across both healthy and clinical populations. We have a particular focus on the neurodevelopment during adolescence, as well as aging processes, including neurodegenerative diseases. Our Research Program is engaged in several National Institutes of Health projects including the study of the effects of alcohol use on the developing adolescent brain and examine brain characteristics that predict alcohol use problems (<http://www.ncanda.org>), the study of brain development and child health in the United States through adolescence into young adulthood (<http://abcdstudy.org/>), and on Neurofunctional Mechanisms of Changes in Cognition and Motor Function in Aging with HIV and Parkinson's Disease (R01AG081144-01(PI Tilman Schulte, sub-PI Kathleen Poston). Our lab incorporates research from other fields of clinical research, such as neuropsychology, forensic, mindfulness, substance use and/or health psychology. We aim to promote diversity, equity, and inclusion within our research endeavors.

Students are encouraged to conduct their own research projects and to present results at professional conferences. Students will have the opportunity to write manuscripts for publication in scientific journals and apply for student awards and travel grants. This training is aimed to help the student develop scientific thinking and learn research skills that build the basis for observation and evaluation of clinical cases.

Openings: 2-3 new members to join the group in 2024.

Apply: Interested students are asked to submit the following items to Monica Calderon (email: mcalderson@paloalto.edu) by April 22 (11:59pm):

- Curriculum vitae
- Cover letter describing past research experience, and what kind of research the student would like to conduct in this lab.

Notification: Students accepted into the group will be notified after 4pm, Monday, May 20.